

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 09/674, 794A

CRF Edit Date: 3/5/04
Edited by: ZQ

___ Realigned nucleic acid/amine acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

ENTERED

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

✓ Other: Corrected Response for Seq
ID #400, deleted extra
Numbering at the end of the sequence, #14. ^{Seq ID}



PCT

RAW SEQUENCE LISTING

DATE: 03/05/2004

PATENT APPLICATION: US/09/674,794A

TIME: 09:54:02

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\03052004\I674794A.raw

```

4 <110> APPLICANT: Little, Melvyn
6      Kipriyanov, Sergej
8 <120> TITLE OF INVENTION: Multivalent Antibody Constructs
11 <130> FILE REFERENCE: 8484-089-999
14 <140> CURRENT APPLICATION NUMBER: 09/674,794A
16 <141> CURRENT FILING DATE: 2000-11-03
18 <150> PRIOR APPLICATION NUMBER: DE 198 19 846.9
19 <151> PRIOR FILING DATE: 1998-05-05
21 <150> PRIOR APPLICATION NUMBER: PCT/DE99/01350
22 <151> PRIOR FILING DATE: 1999-05-05
24 <160> NUMBER OF SEQ ID NOS: 14
26 <170> SOFTWARE: PatentIn version 3.1
28 <210> SEQ ID NO: 1
30 <211> LENGTH: 42
32 <212> TYPE: DNA
34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
38 <221> NAME/KEY: misc_feature
40 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
42 <400> SEQUENCE: 1
43 tcacacagaa ttcttagatc tattaaagag gagaaattaa cc          42
45 <210> SEQ ID NO: 2
47 <211> LENGTH: 40
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <221> NAME/KEY: misc_feature
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
58 <400> SEQUENCE: 2
59 agcacacgat atcaccgcca agcttggtg ttgttttggc          40
62 <210> SEQ ID NO: 3
64 <211> LENGTH: 43
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <221> NAME/KEY: misc_feature
72 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
75 <400> SEQUENCE: 3
76 agcacacaag cttggcgggtg atatcttgct caccctaaact cca          43
79 <210> SEQ ID NO: 4
81 <211> LENGTH: 57
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence

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86 <220> FEATURE:
87 <221> NAME/KEY: misc_feature
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
92 <400> SEQUENCE: 4
93 agcacactct agagacacac agatctttag tgatggtgat ggtgatgtga gtttagg      57
96 <210> SEQ ID NO: 5
98 <211> LENGTH: 33
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <221> NAME/KEY: misc_feature
106 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
109 <400> SEQUENCE: 5
110 cagccggcca tggcgaggt gcaactgcag cag      33
114 <210> SEQ ID NO: 6
116 <211> LENGTH: 102
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
125 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
128 <400> SEQUENCE: 6
129 tatatactgc agctgcacct ggctaccacc accaccggag ccgccaccac cgctaccacc      60
131 gccgccagaa ccaccaccac cagcgccgc agcatcagcc cg      102
134 <210> SEQ ID NO: 7
136 <211> LENGTH: 56
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <221> NAME/KEY: misc_feature
144 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
147 <400> SEQUENCE: 7
148 tatatactgc agctgcacct ggcacctgg gccaccagcg gccgcagcat cagccg      56
151 <210> SEQ ID NO: 8
153 <211> LENGTH: 45
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
162 <400> SEQUENCE: 8
163 ccgtgaattc caggtgcaac tgcagcagtc tggggctgaa ctggc      45
166 <210> SEQ ID NO: 9
168 <211> LENGTH: 34
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
176 <400> SEQUENCE: 9
177 ggtcgacgtt aaccgacaaa caacagataa aacg      34

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179 <210> SEQ ID NO: 10
181 <211> LENGTH: 55
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <221> NAME/KEY: misc_feature
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
192 <400> SEQUENCE: 10
193 cgaattctta agataagaag gagtttattg tgaaaaagtg gttattagct gcagg      55
196 <210> SEQ ID NO: 11
198 <211> LENGTH: 40
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
206 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
209 <400> SEQUENCE: 11
210 cgaattaagc ttcatatttt aacctgtttc agtacgtcgg      40
213 <210> SEQ ID NO: 12
215 <211> LENGTH: 41
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <221> NAME/KEY: misc_feature
223 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
225 <400> SEQUENCE: 12
226 cgaatttcta gataagaagg agaaattaac catgaaatac c      41
228 <210> SEQ ID NO: 13
230 <211> LENGTH: 40
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Primers
240 <400> SEQUENCE: 13
241 cgaattctta agctattagt gatggtgatg gtgatgtgag      40
243 <210> SEQ ID NO: 14
245 <211> LENGTH: 20
247 <212> TYPE: PRT
249 <213> ORGANISM: Artificial
251 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker region from
construct
255 <400> SEQUENCE: 14
256 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
257 1 5 10 15
259 Gly Gly Gly Ser
260 20

```

RAW SEQUENCE LISTING ERROR SUMMARY
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:14

VERIFICATION SUMMARY

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